



# Mechanical and electrostatic Air filter systems

Extraction and filtration of solid particles, steam,  
gases and oil mist

## Technical data

### Mechanical and electrostatic

#### Air filter LRF and LRF/E

MECHANICAL AIR FILTER		LRF 0K6	LRF 1K0	LRF 1K5	LRF 2K0	LRF 3K0	LRF 4K0
Air performance/volume flow	m <sup>3</sup> /h	600	1000	1500	2000	3000	4000
Three-phase motor/engine power	kW	0,37	0,37	0,37	0,75	1,5	1,5
Voltage	V	400	400	400	400	400	400
	Hz	50	50/60	50/60	50/60	50/60	50/60
Protection class	IP	54	54	54	54	54	54
Sound level	db/A	64	56	60	65	74	80
Sound level with sound absorber	db/A	57	48	55	60	65	65
Dimensions wide approx.	mm	650	1100	1100	1350	1400	1400
Dimensions deep approx.	mm	320	650	650	650	650	650
Dimensions height approx.	mm	450	530	530	730	830	830
Weight	kg	28	50	55	75	100	120
Connection nozzle/extraction Ø	mm	100	150	150	150	250	250
				200	200	300	300
					250	350	350

ELECTROSTATIC AIR FILTER		LRF/E 0K750	LRF/E 1K5	LRF/E 1K5/D	LRF/E 2K0	LRF/E 3K0	LRF/E 5K0
Air performance/volume flow	m <sup>3</sup> /h	750	1500	1500	1600	3000	4000
Three-phase motor/engine power	kW	0,75	0,75	0,75	0,75	1,5	1,1
Voltage	V	400	400	400	400	400	400
	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Protection class	IP	54	54	54	54	54	54
Sound level	db/A	66	66	66	66	74	69
Dimensions wide approx.	mm	1035	1365	1365	1365	1550	1475
Dimensions deep approx.	mm	611	620	620	620	795	1090
Dimensions height approx.	mm	600	645	645	645	790	635
Weight	kg	86	105	120	120	150	150
Connection nozzle/extraction Ø	mm	150	150	150	150	150	150
		200	200	200	200	200	200
			250	250	350	350	350

# Mechanical Air cleaning filter LRF

for extraction and filtration  
of emulsions and solid particles



## FINE FILTRATION

The exhaust air is cleaned constantly  
up to 99,9%, pre-separation of  
solid particles

## RE-CIRCULATION

Cleaned air can be reduced into  
the air circulation

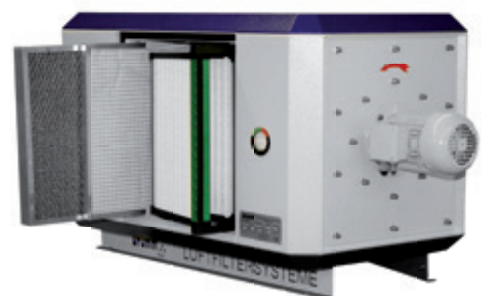
## SILENT OPERATION

Liquid-tight VARIO-case with the  
newest engine technology



## LRF FIELD OF APPLICATION

Our mechanical air filter systems can be used  
to extract and filter: fine dust particles, vapors  
and gases of cleaning solvents, emulsion mist,  
welding fumes and flame cutting smoke.



LRF 4K0  
LRF 3K0

LRF 2K0  
LRF 1K0  
LRF 1K5

LRF OK6

# Electrostatic Air cleaning filter LRF/E

for extraction and filtration  
of oil mist



## LRF/E FIELD OF APPLICATION

Our electrostatic air filter systems can be used to separate aerosols out of media with an oil content of minimum 9% of non-flammable crude gas. Extraction and filtration of: oil-, emulsions- and minimal lubrication mist.



## CIRCULATION SYSTEM

Reduction of the cleaned air into  
the working area

## EXHAUSTING

Suitable for direct exhausting

## COST-EFFECTIVE

Self-cleaning effect trough high  
voltages



# Options, service and mounting possibilities

As a manufacturer of air filter systems, we offer you systems that are precisely adapted to the requirements of your machines and working area. A technically mature modular system allows adaptation to almost any production situation. With our special modular system and the linking of individual modules, many combinations of air filter systems are possible.

## Options

Sound absorber	✓
Piping or flexible connection	✓
Mobile frame	✓
Extraction arm (optional)	✓
Service/spare filter	✓
Free colour choice	✓
Activated charcoal filter attachment	✓
Turbo piping system	✓
Suction head and hoods	✓
ATEX-protection version	✓
Stainless steel design	✓

## Service

Maintenance	✓
Annual maintenance	✓
Spare parts procurement	✓

## Mounting possibilities

Wall mounting	✓
Ceiling mounting	✓
On pillar	✓
Directly on the machine	✓
Above the machine on pillar	✓
Outdoor	✓





Krumm-tec  
Industrial cleaning solutions and air filter systems  
Ersteiner Straße 37  
79346 Endingen  
GERMANY

[info@krumm-tec.com](mailto:info@krumm-tec.com)  
[krumm-tec.com](http://krumm-tec.com)

Stand: 01/2019

**krumm**  
tec  
Cleaning technologies